

# PATENT - US

Serial No. 08/972,659 Atty. Docket No. 401 Atty. RFK

Title METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS

(Glenn, et al)

Receipt of the following is acknowledged by the USPTO on the date stamped hereon.

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| <input type="checkbox"/> Patent Appl.                                 | <input type="checkbox"/> Completion of Filing Req.                           | <input type="checkbox"/> Response to Office Action               |
| <input type="checkbox"/> Pgs. Spec & Abstract                         | <input type="checkbox"/> Petition to Extend _____ Mos.                       | <input type="checkbox"/> Notice of Appeal                        |
| <input type="checkbox"/> Pages of Claims                              | <input type="checkbox"/> Preliminary Amendment                               | <input type="checkbox"/> Amendment Under 37 CFR _____            |
| <input type="checkbox"/> Sheets of Drawings                           | <input type="checkbox"/> Petition Under 37 CFR _____                         | <input type="checkbox"/> Info. Disclosure, PTO 1449, _____ Refs. |
| <input type="checkbox"/> Formal <input type="checkbox"/> Informal     | <input checked="" type="checkbox"/> Internat'l Search Report, <u>Y</u> Refs. | <input type="checkbox"/> Request for Corrected Filing Receipt    |
| <input type="checkbox"/> Oath or <input type="checkbox"/> Declaration | <input type="checkbox"/> Issue Fee Transmittal                               | <input type="checkbox"/> Maintenance Fee Transmittal             |
| <input type="checkbox"/> 37 CFR 1.60 Application                      | <input type="checkbox"/> Request for Cert. of Corr.                          |  |
| <input type="checkbox"/> Div. <input type="checkbox"/> Cont.          |  |  |
| <input type="checkbox"/> 37 CFR 1.62 FWC Application                  |  |  |
| <input type="checkbox"/> Transmittal Letter                           |  |  |
| <input type="checkbox"/> Certificate of Mailing                       |  |  |
| <input type="checkbox"/> Auth to Charge Dep. Account                  |  |  |
| <input type="checkbox"/> Assignment for Recording                     |  |  |
| <input type="checkbox"/> Recordation Cover Sheet                      |  |  |
| <input checked="" type="checkbox"/> Supplemental IDS                  |  |  |
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AUG 11 1998

# PATENT - US

Serial No. 08/972,659 Atty. Docket No. 4030B Atty. RFK

Title METHOD FOR PROVIDING ENHANCED PHOTOSYNTHESIS

(Glenn, et al)

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| <input type="checkbox"/> Patent Appl.                                 | <input type="checkbox"/> Completion of Filing Req.                           | <input type="checkbox"/> Response to Office Action               |
| <input type="checkbox"/> Pgs. Spec & Abstract                         | <input type="checkbox"/> Petition to Extend _____ Mos.                       | <input type="checkbox"/> Notice of Appeal                        |
| <input type="checkbox"/> Pages of Claims                              | <input type="checkbox"/> Preliminary Amendment                               | <input type="checkbox"/> Amendment Under 37 CFR _____            |
| <input type="checkbox"/> Sheets of Drawings                           | <input type="checkbox"/> Petition Under 37 CFR _____                         | <input type="checkbox"/> Info. Disclosure, PTO 1449, _____ Refs. |
| <input type="checkbox"/> Formal <input type="checkbox"/> Informal     | <input checked="" type="checkbox"/> Internat'l Search Report, <u>Y</u> Refs. | <input type="checkbox"/> Request for Corrected Filing Receipt    |
| <input type="checkbox"/> Oath or <input type="checkbox"/> Declaration | <input type="checkbox"/> Issue Fee Transmittal                               | <input type="checkbox"/> Maintenance Fee Transmittal             |
| <input type="checkbox"/> 37 CFR 1.60 Application                      | <input type="checkbox"/> Request for Cert. of Corr.                          |  |
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| <input type="checkbox"/> 37 CFR 1.62 FWC Application                  |  |  |
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Docket No. 4030B

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

**RECEIVED**

Applicant: **David Michael Glenn, et al.**  
Serial No.: **08/972,659**  
Filed: **Nov. 18, 1997**  
For: **METHOD FOR PROVIDING ENHANCED  
PHOTOSYNTHESIS**

**JUN 05 2007**

**TECH CENTER 1600/2900**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: 08/812,301 08/972,648  
Filing Date: Mar. 5, 1997 Nov. 18, 1997

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each copy of a document enclosed that is not in the English language, an English language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a)   X   Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b) \_\_\_\_\_ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) \_\_\_\_\_ Within 3 months of the filing date or date of entry into the National Stage.

(b)   X   Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 05-1070 for consideration of this Statement.

(c) \_\_\_\_\_ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) \_\_\_\_\_ The required certification is given below, or

(2) \_\_\_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) \_\_\_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 05-1070.

(d) \_\_\_\_\_ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) \_\_\_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) \_\_\_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(I)(1) to Deposit Account No. 05-1070.

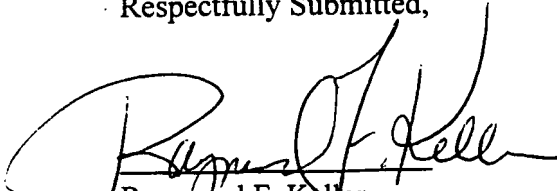
4. Certification (if applicable)

(a)   X   The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

- (b) \_\_\_\_\_ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 05-1070.

Respectfully Submitted,

  
Raymond F. Keller  
Reg. No. 28,960

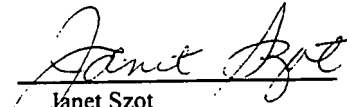
ENGELHARD CORPORATION  
101 Wood Avenue  
Iselin, NJ 08830-0770  
(732) 205-5937

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: Aug. 11 1998

  
Janet Szot

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT &amp; TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>	<b>ATTY DOCKET NO.</b> 4030B	<b>SERIAL NO.</b> 08/972,659
	<b>APPLICANT:</b> Glenn, et al.	
	<b>FILING DATE:</b> Nov. 18, 1997	<b>GROUP:</b> 1763

**REFERENCE DESIGNATION**
**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Filing Date If Appropriate
	5,597,400	1/28/97	Nonomura eta al.	71/28	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
	58 065201	18-04-83	JAPAN		X	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

	STANHILL ET AL.: "Effect of Increasing Foliage and Soil Reflectivity on the Yield and Water Use Efficiency of Grain Sorghum". AGRONOMY JOURNAL, Vol. 68, March 1976-April 1976, pages 329-332, XP002067941.
	MORESHET ET AL.: "Effect of Increasing Foliage Reflectance on Yield, Growth and Physiological Behavior of a Dryland Cotton Crop", CROP SCIENCE, Vol. 19, Nov. 1979-Dec. 1979, pg. 863-868, XP002067942.
	THOMPSON ET AL.: "The Effect of Dust on Photosynthesis and its Significance for Roadside Plants", ENVIRONMENTAL POLLUTION (Series A), Vol. 34, 1984, pages 171-190, XP-002067947.
	ELLER ET AL.: "Der Einfluß von Straßenstaub auf die Strahlungsabsorption durch Blätter" ARCHIV FÜR METEOROLOGIE, GEOPHYSIK UND BIOKLIMATOLOGIE (Serie B), vol. 23, 1975, pages 137-146, XP-002067948.
	RICKS ET AL.: "Effects of Atmospheric Pollution on Deciduous Woodland - Part 3: Effects on Photosynthetic pigments of Leaves on Quercus petraea (Mattuschka) Liebl", ENVIRONMENTAL POLLUTION, Vol. 8, 1975, pages 97-106, XP-002067949.
	FARMER, A. M.: "The Effects of Dust on Vegetation - A Review", ENVIRONMENTAL POLLUTION, Vol. 79, 1993, pages 63-75, XP002067943.

<b>Examiner</b>	<b>Date Considered</b>
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